


Please type a plus sign (+) inside this box 

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

TI-29660.1

First Named Inventor or Application Identifier

Srinivasa Chakravarthy

Title

Using Pseud -Pins in Generating Scan Test Vectors F r T sting
An Embedded C re While Maintaining Th IP Contained Therein

Express Mail Label No.

EV333321385US

On Page 1 of the specification, before line 1, insert -This application claims priority under 35 USC § 119(e)(1) of provisional application number _____ filed _____

APPLICATION ELEMENTS

See MPEP Chapter 600 concerning utility patent application contents

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification (preferred arrangement set forth below) [Total Pages **28**]
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R&D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. ☒ Drawing(s) (35 USC d113) [Total Sheets **3**]
4. Oath or Declaration [Total Pages **8**]
 - a. ☐ Newly Executed (original or copy)
 - b. ☒ Copy from a prior application (37 CFR §1.63(d))
(for continuation/divisional with Box 17 completed)
[Note Box 5 below]
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application,
see 37 CFR §1.63(d)(2) and 1.33(b).
5. ☒ Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of
the oath or declaration is supplied under Box 4b, is considered as
being part of the disclosure of the accompanying application and is
hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. ☐ Computer Readable Copy
 - b. ☐ Paper Copy (identical to computer copy)
 - c. ☐ Statement verifying identical of above copies

ACCOMPANYING APPLICATION PARTS

8. ☐ Assignment Papers (cover sheet & Documents(s))
9. ☐ 37 CFR §3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
12. ☒ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
14. ☐ Small Entity Statement(s) ☐ Statement filed in prior application
(PTO/SB/09-12) Status still proper and desired
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Other:

*A new statement is required to be entitled to pay small entity fees, except where one has been filed in a prior application and is being relied upon.

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No: 09/681,598.
Prior application information: Examiner S. Chase Group / Art Unit: 2133

18. CORRESPONDENCE ADDRESS



Customer Number or Bar Code Label

23494

(Insert Customer No. or Attach bar code label here)



Correspondence address below

NAME

ADDRESS

CITY

STATE

ZIP CODE

COUNTRY

TELEPHONE

972-917-5458

FAX

972-917-4418

Name (Print/Type)

Lawrence J. Bassuk

Registration No. (Attorney/Agent)

29,043

Signature

Date

February 2, 2004

FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

Express Mailing Label No.:

Complete If Known

Application Number	div. of 09/681,598
Filing Date	herewith
First Named Inventor	Srinivasa Chakravarthy
Examiner Name	Of parent: S. Chase
Group Art Unit	Of parent: 2133
Attorney Docket No.	TI-29660.1

TOTAL AMOUNT OF PAYMENT (\$) **770**

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:
- Deposit Account Number: **20-0668**
- Deposit Account Name: **Texas Instruments Incorporated**
- ☐ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- ☐ Applicant claims small entity status. See 37 CFR 1.27
2. ☐ **Payment Enclosed:**
- ☐ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION (continued)

3. ADDITIONAL FEES					
Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	205	65	Surcharge - late filing fee of oath	
1052	50	227	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	139	130	Non-English specification	
1812	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	112	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
1251	110	215	55	Extension for reply within first month	
1252	400	216	195	Extension for reply within second month	
1253	920	217	445	Extension for reply within third month	
1254	1,440	218	695	Extension for reply within fourth month	
1255	1,960	228	945	Extension for reply within fifth month	
1401	320	219	155	Notice of Appeal	
1402	320	220	155	Filing a brief in support of an appeal	
1403	280	221	135	Request for oral hearing	
1451	1,510	138	1,510	Petition to institute a public use proceeding	
1452	110	240	55	Petition to revive - unavoidable	
1453	1,280	241	620	Petition to revive - unintentional	
1501	1,280	242	620	Utility issue fee (or reissue)	
1502	460	243	220	Design issue fee	
1503	620	244	300	Plant issue fee	
1460	130	122	130	Petitions to the Commissioner	
1807	50	123	130	Petitions related to Prov'l Apps (Proc. Fee under 37 CFR 1.17(q))	
1806	180	126	180	Submission of information Disclosure Stmt	
8021	40	581	40	Recording each patent assignment per property (times no. of properties)	
1809	740	246	355	Filing a submission after final rejection (37 CFR §1.129(a))	
1810	740	249	355	For each additional invention to be examined (37 CFR §1.129(b))	
1801	740	279	355	Request for Continued Examination (RCE)	
1802	900	169	900	Request for expedited examination of a design application	
Other fee (specify)					
				SUBTOTAL (3)	(\$)

*Reduced by Basic Filing Fee Paid

FEE CALCULATION

1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
1001	740	201	355	Utility filing fee	\$770
1002	330	208	160	Design filing fee	
1003	510	207	245	Plant filing fee	
1004	740	208	355	Reissue filing fee	
1005	160	214	75	Provisional filing fee	
Subtotal (1)					(\$)770

2. EXTRA CLAIM FEES

		Extra Claims		Fee from below		Fee Paid	
Total Claims	14	-20**=	0	x	18	=	0
Independent Claims	2	-3**=	0	x	86	=	0
Multiple Dependent					270	=	0

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
1202	18	203	9	Claims in excess of 20	
1201	84	202	40	Independent claims in excess of 3	
1203	280	204	135	Multiple dependent claim, if not paid	
1204	84	209	40	**Reissue independent claims over original patent	
1205	18	210	9	**Reissue claims in excess of 20 and over original patent	
Subtotal (2)					(\$)

**or number previously paid, if greater. For Reissue, see above

*Reduced by Basic Filing Fee Paid

SUBMITTED BY

Name (Print/Type)

Lawrence J. Bassuk

Signature

Lawrence J. Bassuk

Registration No.
(Attorney/Agent)

29,043

Telephone

(972) 917-5458

Date

February 2, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.
Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of
Srinivasa Chakravarthy

TI-29660.1

Div. of Serial No.: 09/681,598

Prior Art Unit: 2133

Filed: herewith

Prior Examiner: Chase, S.

Title: Using Pseudo-Pins in Generating Scan Test Vectors For
Testing An Embedded Core While Maintaining The IP
Contained Therein

LETTER TO THE OFFICIAL DRAFTSPERSON

February 2, 2004

Asst. Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

MAILING CERTIFICATE UNDER 37 C.F.R. §1.8(A)
I hereby certify that the above correspondence is
being deposited with the U.S. Postal Service as
Express Mail, airbill #EV333321385US in an
envelope addressed to: Assistant Commissioner for
Patents, P.O. Box 1450, Alexandria, VA 22313-1450
on February 2, 2004.

Lawrence J. Bassuk, Reg. No. 29,043

Applicant submits 3 sheets (3 Figs.) of formal drawings
for the above-identified patent application.

Respectfully submitted,

Lawrence J. Bassuk
Reg. No. 29,043

Texas Instruments Incorporated
P.O. Box 655474, M/S 3999
Dallas, TX 75265
(972) 917-5458